

**REDEVELOPMENT OF ORATORJU QALB TA' ĠESÙ**  
**PHASE 1 CIVIL WORKS**

**PJAZZA DUN ANGELO CAMILLERI, IL- MOSTA**

**BILL OF QUANTITIES**  
**Revision B**

**JANUARY 2023**

**BEZZINA & COLE**  
**ARCHITECTS & CIVIL ENGINEERS**  
**52, Sir Augustus Bartolo Street,**  
**Ta' Xbiex XBX 1099, Malta**

GENERAL INFORMATION					
1	Unless otherwise stated in this bill of quantities, the items herein are measured according to the SMM7.				
2	All sections of the work contained herein will be subject to remeasurement and does not necessary represent the eventual extent of the work to be executed. No claim for increased unit rates because of variation in quantity of work executed will be allowed unless approved by the Perit				
3	<b>Remeasurement of Works</b> - Give reasonable notice to the Perit before covering up work which the Perit requires to be measured. Payment for measurement of works carried out as per Conditions of Contract.				
4	<p>In particular, unless otherwise specifically stated, the following shall be deemed to be included with all items;</p> <ul style="list-style-type: none"> <li>- Labour and all costs in connection therewith</li> <li>- Materials, goods and all costs in connection therewith</li> <li>- Assembling, fitting and fixing materials and goods in position including all setting out and necessary topographic surveys.</li> <li>- Plant and all costs in connection therewith</li> <li>- Waste of materials</li> <li>- Square cutting</li> <li>- Establishment charges, overhead charges and profit</li> <li>- Any scaffolding required to install, apply, fix the works</li> <li>- Delivery, hoisting, handling etc. of materials, equipment, fittings, waste materials etc. inclusive of any permits required.</li> <li>- Topographic and Measured Building surveys</li> </ul> <p>All the above shall be irrespective of height unless indicated otherwise in the bills of quantities.</p>				
5	Protection of finished works such that these are not damaged by the works in progress.				
6	Complete and final costs for works and services described in the various work sections are to be incorporated in the tender rates of the relevant sections.				

GENERAL INFORMATION					
7	<b>Double Handling</b> - the contractor shall allow for such extra costs in his rates and / or lump sums. No additional claims from the contractor for double handling shall be accented.				
8	Unless indicated otherwise, <b>all rates include for</b> supply of materials, labour, hire and use of equipment and tools ( electrical power tools included), hire and use of scaffolding, preparation works, cleaning etc. to ensure a complete and finished job.				
9	<b>Dust generation</b> - all tools and / or equipment that usually generates dust while in operation, shall be fitted with a vacuum device to minimize dust generation.				
10	For the purposes of completing and submitting this tender, it is assumed that the tenderer has visited the site and made the necessary inspection, familiarised himself with the works and has allowed a provision for the complete construction of the works.				
11	Reference is made to the Documents Annexed to this Bill of Quantities and which form part of this Tender. All conditions and specifications apply.				
12	Allow against all items contained in the conditions of contract and as indicated in the Specification, Drawings and Bill of Quantities.				
13	Rate is to include making good for any disturbed work.				
14	<b>Pricing of Bill</b> - The tender is to be priced in Euro (€). Tenders made subject to fluctuations will not be accepted. If the item to be priced, according to the Contractor does not carry a cost or is included elsewhere in other items the word <b>nil</b> is to be inserted in the respective item				
15	<b>Costs related to the General Information, Instructions and Preliminaries are to be catered for and included in the general rates.</b>				

<b>A PRELIMINARIES</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<i>The Contractor is invited to price items in this Section A Preliminaries, as he considers necessary for the proper implementation of this contract.</i>				
	<b><u>A10 PROJECT PARTICULARS</u></b>				
A10.1	Refer to specification section A10				Included
	<b><u>A11 TENDER AND CONTRACT DOCUMENTS</u></b>				
A11.1	Refer to specification section A11				Included
	<b><u>A12 THE SITE / EXISTING BUILDINGS</u></b>				
A12.1	Refer to specification section A12				Included
	<b><u>A13 DESCRIPTION OF THE WORK</u></b>				
A13.1	Refer to specification section A13				Included
	<b><u>A30 TENDERING / SUBLETTING / SUPPLY</u></b>				
A30.1	Refer to specification section A30				Included
	<b><u>A31 PROVISION, CONTENT AND USE OF DOCUMENTS</u></b>				
A31.1	Refer to specification section A31				Included
	<b><u>A32 MANAGEMENT OF THE WORKS</u></b>				
A32.1	Refer to specification section A32				Included
	<b><u>A33 QUALITY STANDARDS / CONTROL</u></b>				
A33.1	Refer to specification section A33				Included
	<b><u>A34 SECURITY / SAFETY / PROTECTION</u></b>				
A34.1	Refer to specification section A34				Included
	<b><u>A35 SPECIFIC LIMITATIONS ON METHOD / SEQUENCE / TIMING</u></b>				
A35.1	Refer to specification section A35				Included
	<b><u>A36 FACILITIES / TEMPORARY WORK / SERVICES</u></b>				
A36.1	Refer to specification section A36				Included
Total carried to Summary page 73				€	Included

<b>A PRELIMINARIES</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<b><u>A55 DAYWORKS [SCHEDULE OF RATES ON DAILY BASIS]</u></b>  <ul style="list-style-type: none"> <li>· Rates are based on normal working hours</li> <li>· Rates for plant shall include for fuel and running costs.</li> <li>· Incidental costs, overheads and profits to be included in Percentage Addition</li> <li>· Rates for plant to include operator.</li> <li>· No claims for costs of plant and labour on daywork basis will be accepted unless prior approval is sought from The contract administrator</li> <li>· No claim for the use / hire of electric hand tools shall be accepted, except the hire / use of special equipment.</li> </ul>				
	<b><u>Labour</u></b>				
A55.1	Skilled Labourer	hr.			
A55.2	Semi-skilled Labourer	hr.			
A55.3	Unskilled Labourer	hr.			
A55.4	Foreman	hr.			
A55.5	Mason	hr.			
A55.6	Carpenter	hr.			
A55.7	Plumber/Electrician	hr.			
A55.8	Land Surveyor	hr.			
	<b><u>Plant</u></b>				
A55.9	15 Tons Crane	hr.			
A55.10	25/28 Tons Crane	hr.			
A55.11	54/60 Tons Crane	hr.			
A55.12	cherry picker	hr.			
A55.13	Dumper 4x4 type	hr.			
Total carried to Collection on page 7				€	

<b>A PRELIMINARIES</b>					
<i>Item</i>	<i>Description</i>	<i>Unit</i>	<i>Qty.</i>	<i>Rate (€); Exc. VAT</i>	<i>Amount (€); Exc. VAT</i>
	<b><u>A55 DAYWORKS [SCHEDULE OF RATES ON DAILY BASIS] (CONT.)</u></b>				
	<b><u>Plant</u></b>				
A55.14	Compressor with 4 outlets, including breaker.	hr.			
A55.15	Loader	hr.			
A55.16	Tipper Truck	hr.			
A55.17	Wheel shovel	hr.			
A55.18	Hydraulic excavator with backhoe	hr.			
A55.19	Welding / Cutting equipment	hr.			
A55.20	Percentage Addition - for incidental costs, overheads and profit - ONLY on materials (receipts to be provided).	%			
Total carried to Collection on page 7				€	

<b>A PRELIMINARIES</b>					
<i>Item</i>	<i>Description</i>		<i>Page</i>		<i>Amount (€); Exc. VAT</i>
	<p><b><u>COLLECTION for A55 DAYWORKS [SCHEDULE OF RATES ON DAILY BASIS]</u></b></p> <p style="text-align: right;"><b>Total from</b></p>		<p>Page 5</p> <p>Page 6</p>		
Total carried to Summary page 73					€

<b>B COMPLETE BUILDINGS</b>					
<i>Item</i>	<i>Description</i>	<i>Unit</i>	<i>Qty.</i>	<i>Rate (€); Exc. VAT</i>	<i>Amount (€); Exc. VAT</i>
	<b><u>B50 GENERAL STRUCTURAL REQUIREMENTS</u></b>				
B50.1	Refer to specification work section B50				<b>Included</b>
Total carried to Summary page 73				€	<b>Included</b>



<b>C DEMOLITION / ALTERATION / RENOVATION</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<p><b><u>C20 DEMOLITION</u></b></p> <p><b><u>Catechism Wing</u></b></p> <ul style="list-style-type: none"> <li>· All methods used are to be as approved and directed by the Perit in charge.</li> <li>· Rates are deemed to include for any construction and removal of ramps as required by the contractor for the works.</li> <li>· Rates are deemed to include for all necessary horizontal / vertical trimming of rock face to produce an even surface.</li> <li>· Rates are deemed to include for all temporary framework used to support people and material, such as provision, hire and use of scaffolding.</li> <li>· All rates include handling of all materials, supply and fix, fabrication, delivery, hoisting, installation, securing to supporting frame, including all materials and labour, hire and use of chute, disposal of materials, provision and hire of skip, protection of adjacent areas, final cleaning, etc..</li> <li>· All material/debris resulting from demolition shall become the property of the contractor, and rates shall include for the carting away to a dumping site approved by the relevant authorities. The rates in these bills shall include for handling of all materials, hoisting, hire and use of chute, etc.</li> <li>· In order to reduce the dispersal of dust during demolition and carting away, the demolition and debris must be kept in a wet state. Contractor is to provide a water supply, pumps, equipment and labour. Rates to be included in items listed in this section.</li> <li>· Any items not detailed in this bill of quantities but listed in the associated Specification and/or Drawings are deemed to be included in the respective item rates.</li> <li>· Rates are to include for all provisions in the Preliminaries/ General conditions/ work sections</li> <li>· For further information of existing site refer to specification clause A12/110.</li> </ul> <p><b>Refer to specification work section C20</b></p> <p><b><u>Site Preparation</u></b></p> <p><b>C20.1 Provisional Item</b> - Removal of any existing apertures and fixtures (railings, perspex structures etc.) and site furniture. Rate to include for making good to exposed jambs and for the formation of clean edge. Rate to include also for carting away and removal of debris or any resulting material.</p>	L.S.	1.00		
Total carried to Collection on page 15				€	

<b>C DEMOLITION / ALTERATION / RENOVATION</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<b><u>C20 DEMOLITION (CONT.)</u></b>				
	<b><u>Catechism Wing</u></b>				
	<b><u>Site Preparation</u></b>				
C20.2	<b>Provisional Item</b> - Disconnect, where necessary, the existing water and electricity supply, prior to commencing demolition works. Refer to specification clause A12/110	L.S.	1.00		
C20.3	<b>Provisional Item</b> - Remove, where necessary, all existing electrical conduits and trunking, light fixtures, electrical wall plates and any other fittings related to electrical services. Refer to specification clause A12/110	L.S.	1.00		
C20.4	<b>Provisional Item</b> - Remove, where necessary, all existing pipework and any other fittings related to water services. Refer to specification clause A12/110	L.S.	1.00		
	<b>SUBSTRUCTURE</b>				
	<b><u>Walls</u></b>				
C20.5	Carefully dismantle 150mm/ 230mm foundation masonry walls; Adequate propping up of overlying slabs, as necessary; rate to include for carting away and removal of debris or any resulting material. Refer to specification clause A12/110	m <sup>2</sup>	23.00		
	<b>SUPERSTRUCTURE</b>				
	<b><u>Floor/Roof slabs</u></b>				
C20.6	<b>Provisional Item</b> - Demolition of existing concrete screed / ground bearing slab; rate to include for forming of clean edge; removal of blinding bed and underneath stone chippings "Torba". Refer to specification clause A12/110	m <sup>2</sup>	166.00		
C20.7	Demolition of existing reinforced concrete suspended slabs. Rate to include for chasings; formation of clean edge. To include also for breaking of existing 'kontrabejt' and/or 'torba' and carting away of all demolished material. Refer to specification clause A12/110.	m <sup>2</sup>	159.00		
C20.8	Careful dismantling of existing stone roofing slabs "xorok". Rate to include removal and carting away of underlying stone chippings "torba". Refer to specification clause A12/110.	m <sup>2</sup>	102.00		
Total carried to Collection on page 15				€	

<b>C DEMOLITION / ALTERATION / RENOVATION</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<b><u>C20 DEMOLITION (CONT.)</u></b>				
	<b><u>Catechism Wing</u></b>				
	<b>SUPERSTRUCTURE</b>				
	<b><u>Floor/Roof slabs</u></b>				
C20.9	Demolition of existing staircases. Rate to include for chasings, formation of clean edge. To include also for breaking of existing 'torba' and carting away of all demolished material. Refer to specification clause A12/110.	m <sup>2</sup>	12.00		
	<b><u>Floor/roof Build-up</u></b>				
C20.10	Removal of existing floor tiles and underlying material as instructed by the Perit in charge; rate to include for carting away and removal of debris or any resulting material. Refer to specification clause A12/110.	m <sup>2</sup>	317.00		
	<b><u>Walls</u></b>				
C20.11	Carefully dismantle 175mm/ 230mm masonry walls; Adequate propping up of overlying slabs and making good to exposed jambs, as necessary; rate to include for carting away and removal of debris or any resulting material. Refer to specification clause A12/110.	m <sup>2</sup>	379.00		
C20.12	<b>Provisional Item</b> - Removal of existing lightweight partition walls and any accompanying accessories/fittings; rate to include for carting away and removal of debris or any resulting material. Refer to specification clause A12/110	m <sup>2</sup>	68.00		
C20.13	<b>Provisional Item</b> - Removal of wall lining/plaster from existing masonry walls to expose all stone masonry. Rate to include for carting away and removal of debris or any resulting material. Refer to specification clause A12/110	m <sup>2</sup>	415.00		
	<b><u>Beams</u></b>				
C20.14	Carefully dismantle existing steel beams; Adequate propping up of overlying slabs is to be included in the rate. Rate to include carting away of all demolished and/or resulting material. Refer to specification clause A12/110	nr	8.00		
Total carried to Collection on page 15				€	

<b>C DEMOLITION / ALTERATION / RENOVATION</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<p><b><u>C20 DEMOLITION (CONT.)</u></b></p> <p><b><u>Gunners Wing</u></b></p> <ul style="list-style-type: none"> <li>· All methods used are to be as approved and directed by the Perit in charge.</li> <li>· Rates are deemed to include for any construction and removal of ramps as required by the contractor for the works.</li> <li>· Rates are deemed to include for all necessary horizontal / vertical trimming of rock face to produce an even surface.</li> <li>· Rates are deemed to include for all temporary framework used to support people and material, such as provision, hire and use of scaffolding.</li> <li>· All rates include handling of all materials, supply and fix, fabrication, delivery, hoisting, installation, securing to supporting frame, including all materials and labour, hire and use of chute, disposal of materials, provision and hire of skip, protection of adjacent areas, final cleaning etc.</li> <li>· All material/debris resulting from demolition shall become the property of the contractor, and rates shall include for the carting away to a dumping site approved by the relevant authorities. The rates in these bills shall include for handling of all materials, hoisting, hire and use of chute etc.</li> <li>· In order to reduce the dispersal of dust during demolition and carting away, the demolition and debris must be kept in a wet state. Contractor is to provide a water supply, pumps, equipment and labour. Rates to be included in items listed in this section</li> <li>· Any items not detailed in this bill of quantities but listed in the associated Specification and/or Drawings are deemed to be included in the respective item rates.</li> <li>· Rates are to include for all provisions in the Preliminaries/ General conditions/ work sections</li> <li>· For further information of existing site refer to specification clause A12/110.</li> </ul> <p><b>Refer to specification work section C20</b></p> <p><b><u>Site Preparation</u></b></p>				
C20.15	<p><b>Provisional Item</b> - Removal of any existing apertures and fixtures (railings, perspex structures etc.) and site furniture. Rate to include for making good to exposed jambs and for the formation of clean edge. Rate to include also for carting away and removal of debris or any resulting material.</p>	L.S.	1.00		
Total carried to Collection on page 15				€	

<b>C DEMOLITION / ALTERATION / RENOVATION</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<b><u>C20 DEMOLITION (CONT.)</u></b>				
	<b><u>Gunners Wing</u></b>				
	<b><u>Site Preparation</u></b>				
C20.16	<b>Provisional Item</b> - Disconnect, where necessary, the existing water and electricity supply, prior to commencing demolition works. Refer to specification clause A12/110	L.S.	1.00		
C20.17	<b>Provisional Item</b> - Remove, where necessary, all existing electrical conduits and trunking, light fixtures, electrical wall plates and any other fittings related to electrical services. Refer to specification clause A12/110	L.S.	1.00		
C20.18	<b>Provisional Item</b> - Remove, where necessary, all existing pipework and any other fittings related to water services. Refer to specification clause A12/110	L.S.	1.00		
	<b>SUBSTRUCTURE</b>				
	<b><u>Walls</u></b>				
C20.19	Carefully dismantle 150mm/ 230mm foundation masonry walls; Adequate propping up of overlying slabs, as necessary; rate to include for carting away and removal of debris or any resulting material. Refer to specification clause A12/110	m <sup>2</sup>	10.00		
	<b>SUPERSTRUCTURE</b>				
	<b><u>Floor/Roof slabs</u></b>				
C20.20	<b>Provisional Item</b> - Demolition of existing concrete screed / ground bearing slab; rate to include for forming of clean edge; removal of blinding bed and underneath stone chippings "Torba". Refer to specification clause A12/110	m <sup>2</sup>	60.00		
C20.21	Demolition of existing reinforced concrete suspended slabs. Rate to include for chasings; formation of clean edge. To include also for breaking of existing 'kontrabejt' and/or 'torba' and carting away of all demolished material. Refer to specification clause A12/110.	m <sup>2</sup>	71.00		
Total carried to Collection on page 15				€	

<b>C DEMOLITION / ALTERATION / RENOVATION</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<b><u>C20 DEMOLITION (CONT.)</u></b>				
	<b><u>Gunners Wing</u></b>				
	<b>SUPERSTRUCTURE</b>				
	<b><u>Floor/Roof slabs</u></b>				
C20.22	Demolition of existing staircases. Rate to include for chasings, formation of clean edge. To include also for breaking of existing 'torba' and carting away of all demolished material. Refer to specification clause A12/110.	m <sup>2</sup>	3.00		
	<b><u>Floor/roof Build-up</u></b>				
C20.23	Removal of existing floor tiles and underlying material as instructed by the Perit in charge; rate to include for carting away and removal of debris or any resulting material. Refer to specification clause A12/110.	m <sup>2</sup>	43.00		
	<b><u>Walls</u></b>				
C20.24	Removal of existing wall tiles and underlying material as instructed by the Perit in charge; rate to include for carting away and removal of debris or any resulting material. Refer to specification clause A12/110.	m <sup>2</sup>	74.00		
C20.25	<b>Provisional Item</b> - Removal of wall lining/plaster from existing masonry walls to expose all stone masonry. Rate to include for carting away and removal of debris or any resulting material. Refer to specification clause A12/110	m <sup>2</sup>	36.00		
C20.26	Carefully dismantle 175mm/ 230mm masonry walls; Adequate propping up of overlying slabs and making good to exposed jambs, as necessary; rate to include for carting away and removal of debris or any resulting material. Refer to specification clause A12/110.	m <sup>2</sup>	166.00		
C20.27	<b>Provisional Item</b> - Removal of existing non load-bearing masonry partition walls and any accompanying accessories/fittings; rate to include for carting away and removal of debris or any resulting material. Refer to specification clause A12/110.	m <sup>2</sup>	18.00		
Total carried to Collection on page 15				€	

<b>C DEMOLITION / ALTERATION / RENOVATION</b>					
	<i>Description</i>		<i>Page</i>		<i>Amount (€); exc VAT</i>
	<u><b>COLLECTION for C20 DEMOLITION</b></u>				
			Page 9		
			Page 10		
			Page 11		
			Page 12		
			Page 13		
			Page 14		
	<b>Total from</b>				
<b>Total carried to Summary page 73</b>				€	

<b>C DEMOLITION / ALTERATION / RENOVATION</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<p><b><u>C30 SHORING / FAÇADE RETENTION</u></b></p> <p><b><u>Catechism Wing</u></b></p> <ul style="list-style-type: none"> <li>· All methods used are to be as approved and directed by the Perit in charge.</li> <li>· Rates are deemed to include for all temporary framework used to support people and material, such as provision. hire and use of scaffolding.</li> <li>· All rates include handling of all materials, supply and fix, fabrication, delivery, hoisting, installation, securing to supporting frame, including all materials and labour, hire and use of chute, disposal of materials, provision and hire of skip, protection of adjacent areas, final cleaning etc</li> <li>· Welding consumables used shall match the grade of steel.</li> <li>· Rates to include for the hoisting and installation of the supporting steel framework, including all necessary propping, double handling and preparation works</li> <li>· All preparatory works involving the installation of the supporting steel framework are included in the rates below.</li> <li>· Any items not detailed in this bill of quantities but listed in the associated Specification and/or Drawings are deemed to be included in the respective item rates.</li> <li>· Rates are to include for all provisions in the Preliminaries/ General conditions/ work sections <b>Refer to specification work section C30</b></li> </ul> <p><b><u>Retention structure</u></b></p>				
C30.1	<p><b><u>C30/210 Retention structure - contractor designed</u></b></p> <p>for Catechism Wing Facade to extent shown on drawings SL(1-)201 to 206 based on design intent drawing SA(1-)201. Rate to include for all necessary connections as required, etc. Rate shall also include for all other preparatory works such as the hire and use of scaffolding and for the dismantling of retention structure as necessary. Refer to specification clauses C30/120 &amp; C30/210 and drawing SA(1-)201.</p>	L.S.	1.00		
Total carried to Summary page 73				€	



<b>C DEMOLITION / ALTERATION / RENOVATION</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<p><b><u>C90 - SPOT ITEMS</u></b></p> <p><b><u>Catechism Wing</u></b></p> <ul style="list-style-type: none"> <li>· All methods used are to be as approved and directed by the Perit in charge.</li> <li>· Rates are deemed to include for all temporary framework used to support people and material, such as provision, hire and use of scaffolding.</li> <li>· All rates include handling of all materials, supply and fix, fabrication, delivery, hoisting, installation, securing to supporting frame, including all materials and labour, hire and use of chute, disposal of materials, provision and hire of skip, protection of adjacent areas, final cleaning, etc..</li> <li>· All material/debris resulting from demolition shall become the property of the contractor, and rates shall include for the carting away to a dumping site approved by the relevant authorities. The rates in these bills shall include for handling of all materials, hoisting, hire and use of chute, etc.</li> <li>· Any items not detailed in this bill of quantities but listed in the associated Specification and/or Drawings are deemed to be included in the respective item rates.</li> <li>· Rates are to include for all provisions in the Preliminaries/ General conditions/ work sections</li> </ul> <p><b>Refer to specification work sections C20, C90, Z20 &amp; Z21</b></p>				
C90.1	<p><b>Spot item C-1:</b> To rectify existing door opening to under stage as indicated in drawings SL(2-)202-203. Sequence of work:</p> <ol style="list-style-type: none"> <li>1. Temporary supports and restrains Contractor's responsibility</li> <li>2. Rectify existing door opening in existing multi-leaf stone masonry wall approx. dimension 1000 mm wide, 2400 mm high. The work to include but not limited to making good of door jambs using Globigerina limestone masonry blocks and insertion of stone masonry flat arch.</li> <li>3. Avoid that the partial dismantled structure becoming unstable and straining the remaining components.</li> <li>4. Cart away and dispose of items not to be kept.</li> </ol> <p>The works to be carried out on the new opening will respect the existing fabric of the building. As such the type of material to be used will be compatible with the existing fabric.</p> <p>Records of elements to be dismantled: Before starting work, use measurements and photographs as appropriate to record, joint types, special features, etc.</p>	L.S.	1.00		
Total carried to Collection on page 20				€	

<b>C DEMOLITION / ALTERATION / RENOVATION</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<p><b><u>C90 - SPOT ITEMS (CONT.)</u></b></p> <p><b><u>Gunners Wing</u></b></p> <ul style="list-style-type: none"> <li>· All methods used are to be as approved and directed by the Perit in charge.</li> <li>· Rates are deemed to include for all temporary framework used to support people and material, such as provision, hire and use of scaffolding.</li> <li>· All rates include handling of all materials, supply and fix, fabrication, delivery, hoisting, installation, securing to supporting frame, including all materials and labour, hire and use of chute, disposal of materials, provision and hire of skip, protection of adjacent areas, final cleaning, etc..</li> <li>· All material/debris resulting from demolition shall become the property of the contractor, and rates shall include for the carting away to a dumping site approved by the relevant authorities. The rates in these bills shall include for handling of all materials, hoisting, hire and use of chute, etc.</li> <li>· Any items not detailed in this bill of quantities but listed in the associated Specification and/or Drawings are deemed to be included in the respective item rates.</li> <li>· Rates are to include for all provisions in the Preliminaries/ General conditions/ work sections</li> </ul> <p><b>Refer to specification work sections C20, C90, Z20 &amp; Z21</b></p>				
C90.2	<p><b>Spot item G-1:</b> To open a new door opening to under stage as indicated in drawing SL(2-)301.</p> <p>Sequence of work:</p> <ol style="list-style-type: none"> <li>1. Temporary supports and restrains Contractor's responsibility</li> <li>2. Opening of new door opening in existing multi-leaf stone masonry wall approx. dimension 1000 mm wide, 2400 mm high. The work to include but not limited to making good of door jambs using Globigerina limestone masonry blocks and insertion of stone masonry flat arch.</li> <li>3. Avoid that the partial dismantled structure becoming unstable and straining the remaining components.</li> <li>4. Cart away and dispose of items not to be kept.</li> </ol> <p>The works to be carried out on the new opening will respect the existing fabric of the building. As such the type of material to be used will be compatible with the existing fabric.</p> <p>Records of elements to be dismantled: Before starting work, use measurements and photographs as appropriate to record, joint types, special features, etc.</p>	L.S.	1.00		
Total carried to Collection on page 20				€	

<b>C DEMOLITION / ALTERATION / RENOVATION</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<b><u>C90 - SPOT ITEMS (CONT.)</u></b>  <b><u>Gunners Wing</u></b>  C90.3 Spot item G-2: To open a new door opening to stage as indicated in drawing SL(2-)302. Sequence of work: 1. Temporary supports and restrains Contractor's responsibility 2. Opening of new door opening in existing multi-leaf stone masonry wall approx. dimension 1000 mm wide, 2400 mm high. The work to include but not limited to making good of door jambs using Globigerina limestone masonry blocks and insertion of stone masonry flat arch. 3. Avoid that the partial dismantled structure becoming unstable and straining the remaining components. 4. Cart away and dispose of items not to be kept. The works to be carried out on the new opening will respect the existing fabric of the building. As such the type of material to be used will be compatible with the existing fabric. Records of elements to be dismantled: Before starting work, use measurements and photographs as appropriate to record, joint types, special features, etc.	L.S.	1.00		
Total carried to Collection on page 20				€	

<b>C DEMOLITION / ALTERATION / RENOVATION</b>					
	<i>Description</i>		<i>Page</i>		<i>Amount (€); exc VAT</i>
	<u><b>COLLECTION for C90 - SPOT ITEMS</b></u>				
	<b>Total from</b>		Page 17		
			Page 18		
			Page 19		
<b>Total carried to Summary page 73</b>				€	

<b>D GROUNDWORK</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<p><b><u>D20 EXCAVATING AND FILLING</u></b></p> <p><b><u>Catechism Wing</u></b></p> <ul style="list-style-type: none"> <li>· All material/debris resulting from excavation shall become the property of the contractor, and include carting away to a dumping site approved by the relevant authorities. The rates in these bills shall include for handling of all materials, hoisting, hire and use of chute, etc.</li> <li>· In order to reduce the dispersal of dust during excavation and carting away, the excavation and debris must be kept in a wet state. Contractor is to provide a water supply, pumps, equipment and labour. Rates to be included in items listed in section D</li> <li>· Rates are to include for pumping and/or any other operation to keep excavations &amp; foundations dry.</li> <li>· Rates are deemed to include for all necessary horizontal / vertical trimming of rock face to produce an even surface.</li> <li>· All rates include handling of all materials, supply and fix, fabrication, delivery, hoisting, installation, securing to supporting frame, including all materials and labour, hire and use of chute, disposal of materials, provision and hire of skip, protection of adjacent areas, final cleaning, etc.</li> <li>· Rates are deemed to include for any construction and removal of ramps as required by the contractor for excavations works.</li> <li>· Rates are deemed to include for all temporary framework used to support people and material, such as provision, hire and use of scaffolding.</li> <li>· Any items not detailed in this bill of quantities but listed in the associated Specification and/or Drawings are deemed to be included in the respective item rates.</li> <li>· Rates are to include for all provisions in the Preliminaries/ General conditions/ work sections</li> </ul> <p><b><u>Refer to specification work section D20</u></b></p> <p><b><u>Oversite Excavation in Loose Material</u></b></p> <p><i>As per specification clause D20/230</i></p>				
D20.1	Maximum depth $\leq 0.25\text{m}$	m <sup>3</sup>	47.00		
D20.2	Maximum depth $\leq 1.00\text{m}$	m <sup>3</sup>	6.00		
Total carried to Collection on page 25				€	

<b>D GROUNDWORK</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<b><u>D20 EXCAVATING AND FILLING (CONT.)</u></b>				
	<b><u>Catechism Wing</u></b>				
	<b><u>Excavate pits in Loose Material</u></b> <i>As per specification clause D20/230</i>				
D20.3	Maximum depth ≤0.25 m	m <sup>3</sup>	2.00		
	<b><u>Excavate pits in rock</u></b> <i>As per specification clause D20/235</i>				
D20.4	Maximum depth ≤0.25 m	m <sup>3</sup>	2.00		
D20.5	Maximum depth ≤1.00 m	m <sup>3</sup>	3.00		
	<b><u>Excavate trenches in Loose Material of width &gt; 0.30m</u></b> <i>As per specification clause D20/230</i>				
D20.6	Maximum depth ≤0.25 m	m <sup>3</sup>	13.00		
D20.7	Maximum depth ≤1.00 m	m <sup>3</sup>	38.00		
D20.8	Maximum depth ≤2.00 m	m <sup>3</sup>	2.00		
	<b><u>Excavate trenches in Rock of width &gt; 0.30m</u></b> <i>As per specification clause D20/235</i>				
D20.9	Maximum depth ≤0.25 m	m <sup>3</sup>	6.00		
	<b><u>Filling to make up levels</u></b> <i>As per specification clauses D20/500 &amp; D20/710</i>				
D20.10	Compacted granular material; average thickness > 0.25m; obtained off site	m <sup>3</sup>	31.00		
Total carried to Collection on page 25				€	

<b>D GROUNDWORK</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<p><b><u>D20 EXCAVATING AND FILLING (CONT.)</u></b></p> <p><b><u>Gunners Wing</u></b></p> <ul style="list-style-type: none"> <li>· All material/debris resulting from excavation shall become the property of the contractor, and include carting away to a dumping site approved by the relevant authorities. The rates in these bills shall include for handling of all materials, hoisting, hire and use of chute etc</li> <li>· In order to reduce the dispersal of dust during excavation and carting away, the excavation and debris must be kept in a wet state. Contractor is to provide a water supply, pumps, equipment and labour. Rates to be included in items listed in section D</li> <li>· Rates are to include for pumping and/or any other operation to keep excavations &amp; foundations dry.</li> <li>· Rates are deemed to include for all necessary horizontal / vertical trimming of rock face to produce an even surface.</li> <li>· All rates include handling of all materials, supply and fix, fabrication, delivery, hoisting, installation, securing to supporting frame, including all materials and labour, hire and use of chute, disposal of materials, provision and hire of skip, protection of adjacent areas, final cleaning etc</li> <li>· Rates are deemed to include for any construction and removal of ramps as required by the contractor for excavations works.</li> <li>· Rates are deemed to include for all temporary framework used to support people and material, such as provision, hire and use of scaffolding.</li> <li>· Any items not detailed in this bill of quantities but listed in the associated Specification and/or Drawings are deemed to be included in the respective item rates.</li> <li>· Rates are to include for all provisions in the Preliminaries/ General conditions/ work sections</li> </ul> <p><b>Refer to specification work section D20</b></p> <p><b><u>Oversite Excavation in Loose Material</u></b></p> <p><i>As per specification clause D20/230</i></p>				
D20.11	Maximum depth ≤0.25 m	m <sup>3</sup>	4.00		
Total carried to Collection on page 25				€	

<b>D GROUNDWORK</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<b><u>D20 EXCAVATING AND FILLING (CONT.)</u></b>				
	<b><u>Gunners Wing</u></b>				
	<b><u>Excavate pits in loose material</u></b> <i>As per specification clause D20/230</i>				
D20.12	Maximum depth ≤0.25 m	m <sup>3</sup>	6.00		
D20.13	Maximum depth ≤1.00 m	m <sup>3</sup>	12.00		
	<b><u>Excavate pits in rock</u></b> <i>As per specification clause D20/235</i>				
D20.14	Maximum depth ≤0.25 m	m <sup>3</sup>	6.00		
D20.15	Maximum depth ≤1.00 m	m <sup>3</sup>	6.00		
	<b><u>Excavate trenches in Loose Material of width &gt; 0.30m</u></b> <i>As per specification clause D20/230</i>				
D20.16	Maximum depth ≤0.25 m	m <sup>3</sup>	5.00		
D20.17	Maximum depth ≤1.00 m	m <sup>3</sup>	8.00		
	<b><u>Excavate trenches in Rock of width &gt; 0.30m</u></b> <i>As per specification clause D20/235</i>				
D20.18	Maximum depth ≤0.25 m	m <sup>3</sup>	5.00		
D20.19	Maximum depth ≤1.00 m	m <sup>3</sup>	2.00		
	<b><u>Filling to make up levels</u></b> <i>As per specification clauses D20/500 &amp; D20/710</i>				
D20.20	Compacted granular material; average thickness > 0.25m; obtained off site	m <sup>3</sup>	13.00		
Total carried to Collection on page 25				€	



<b>D GROUNDWORK</b>					
	<i>Description</i>		<i>Page</i>		<i>Amount (€); exc VAT</i>
	<u><b>COLLECTION for D20 EXCAVATING AND FILLING</b></u>  <div style="text-align: right;"><b>Total from</b></div>		Page 21  Page 22  Page 23  Page 24		
Total carried to Summary page 73					€

<b>E IN SITU CONCRETE/LARGE PRECAST CONCRETE</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<b><u>E10 MIXING/CASTING/CURING IN SITU CONCRETE</u></b>  <b><u>Catechism Wing</u></b> · All concrete surfaces to be finished as smooth floated finish, unless otherwise stated in the drawings.  · Rates deemed to include all cutting, throating, rebates up to 50mm deep, splayed edges, chamfers < 75mm and the like in formwork. · All concrete rates should include the formation of throating. · Rates to include for all necessary concrete pumping and craneage. · Rates are deemed to include for all temporary framework used to support people and material, such as provision, hire and use of scaffolding. · Rates are deemed to include all sloped surfaces up to 5 degrees. · Rates to include all dowels & cast-in accessories as per drawings · Any items not detailed in this bill of quantities but listed in the associated Specification and/or Drawings are deemed to be included in the respective item rates.  · Rates are to include for all provisions in the Preliminaries/ General conditions/ work sections <b>Refer to specification work sections E05, E10 &amp; E40</b>  <b>SUBSTRUCTURE (Below DPM and Vapour Barrier)</b>  <b><u>In situ concrete - Designated Concrete strength class C20/25</u></b> As per specification clause E10/105A  <b><u>Beds</u></b>  E10.1 Blinding layer / bed; ≤150 thickness; poured on or against earth or unblinded hardcore.  <b><u>In situ concrete - Designated Concrete strength class C25/30</u></b> As per specification clauses E10/105C & E10/508  <b><u>Filling voids in single leaf/density HCB walls</u></b>  E10.2 Thickness 150mm to 450mm;				
		m <sup>3</sup>	12.00		
		m <sup>2</sup>	99.00		
Total carried to Collection on page 32				€	

<b>E IN SITU CONCRETE/LARGE PRECAST CONCRETE</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<b><u>E10 MIXING/CASTING/CURING IN SITU CONCRETE (CONT.)</u></b>  <b><u>Catechism Wing</u></b>  <b>SUBSTRUCTURE (Below DPM and Vapour Barrier)</b>  <b><u>In situ concrete - Designated Concrete strength class C28/35</u></b> <i>As per specification clauses E10/105B &amp; E10/508</i>  <b><u>Foundations</u></b>				
E10.3	Strip footing beneath walls; thickness 150mm to 450mm; reinforced. (Reinforcement and admixtures measured separately)	m <sup>3</sup>	13.00		
	<b><u>Beds</u></b>				
E10.4	Ground bearing slab; 150mm to 450mm thick; reinforced; (Reinforcement and admixtures measured separately)	m <sup>3</sup>	38.00		
	<b>SUPERSTRUCTURE (Above DPM and Vapour Barrier)</b>  <b><u>In situ concrete - Designated Concrete strength class C25/30</u></b> <i>As per specification clauses E10/105C &amp; E10/508</i>  <b><u>Filling voids in single leaf/density HCB walls</u></b>				
E10.5	Thickness 150mm to 450mm;	m <sup>2</sup>	71.00		
	<b><u>In situ concrete - Designated Concrete strength class C32/40</u></b> <i>As per specification clauses E10/105D &amp; E10/508</i>  <b><u>Slabs</u></b>				
E10.6	Thickness 150mm to 450mm; reinforced; (Reinforcement measured separately)	m <sup>3</sup>	52.00		
	<b><u>Beams</u></b>				
E10.7	Isolated; Reinforced; (Reinforcement measured separately)	m <sup>3</sup>	2.00		
Total carried to Collection on page 32				€	

E IN SITU CONCRETE/LARGE PRECAST CONCRETE					
Item	Description	Unit	Qty.	Rate (€); Exc. VAT	Amount (€); Exc. VAT
	<b><u>E10 MIXING/CASTING/CURING IN SITU CONCRETE (CONT.)</u></b>  <b><u>Catechism Wing</u></b>  <b>SUPERSTRUCTURE (Above DPM and Vapour Barrier)</b>  <b><u>In situ concrete - Designated Concrete strength class C32/40</u></b> <i>As per specification clauses E10/105D &amp; E10/508</i>  <b><u>Beams</u></b>				
E10.8	Attached; Ring / Spreader beam; Reinforced; (Reinforcement measured separately)	m <sup>3</sup>	3.00		
	<b><u>Staircases</u></b>				
E10.9	Attached; reinforced; (Reinforcement measured separately)	m <sup>3</sup>	5.00		
	<b><u>In situ concrete - Designated Concrete strength class C32/40</u></b> <i>As per specification clauses E10/105E &amp; E10/508</i>  <b><u>Slabs</u></b>				
E10.10	Thickness 150mm to 450mm; reinforced; (Reinforcement and admixtures measured separately)	m <sup>3</sup>	81.00		
	<b><u>Beams</u></b>				
E10.11	Isolated; Reinforced; (Reinforcement and admixtures measured separately)	m <sup>3</sup>	2.00		
E10.12	Attached; Ring / Spreader beam; Reinforced; (Reinforcement and admixtures measured separately)	m <sup>3</sup>	2.00		
	<b>SUPERSTRUCTURE &amp; SUBSTRUCTURE</b>  <b>Additives</b>				
E10.13	Integral waterproofing admixture to concrete strength class C28/35 as per specification clauses E10/105B & E10/415: as per manufacturer's instructions.	m <sup>3</sup>	51.00		
E10.14	Integral waterproofing admixture to concrete strength class C32/40 as per specification clauses E10/105E & E10/415: as per manufacturer's instructions.	m <sup>3</sup>	84.00		
Total carried to Collection on page 32				€	

<b>E IN SITU CONCRETE/LARGE PRECAST CONCRETE</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<p><b><u>E10 MIXING/CASTING/CURING IN SITU CONCRETE (CONT.)</u></b></p> <p><b><u>Gunners Wing</u></b></p> <ul style="list-style-type: none"> <li>· All concrete surfaces to be finished as smooth floated finish, unless otherwise stated in the drawings.</li> <li>· Rates deemed to include all cutting, throating, rebates up to 50mm deep, splayed edges, chamfers &lt; 75mm and the like in formwork.</li> <li>· All concrete rates should include the formation of throating.</li> <li>· Rates to include for all necessary concrete pumping and craneage.</li> <li>· Rates are deemed to include for all temporary framework used to support people and material, such as provision. hire and use of scaffolding.</li> <li>· Rates are deemed to include all sloped surfaces up to 5 degrees.</li> <li>· Rates to include all dowels &amp; cast-in accessories as per drawings</li> <li>· Any items not detailed in this bill of quantities but listed in the associated Specification and/or Drawings are deemed to be included in the respective item rates.</li> <li>· Rates are to include for all provisions in the Preliminaries/ General conditions/ work sections</li> </ul> <p><b>Refer to specification work sections E05, E10 &amp; E40</b></p> <p><b>SUBSTRUCTURE (Below DPM and Vapour Barrier)</b></p> <p><b><u>In situ concrete - Designated Concrete strength class C20/25</u></b> As per specification clause E10/105A</p> <p><b><u>Beds</u></b></p>				
E10.15	<p>Blinding layer / bed; ≤150 thickness; poured on or against earth or unblinded hardcore.</p> <p><b><u>In situ concrete - Designated Concrete strength class C25/30</u></b> As per specification clauses E10/105C &amp; E10/508</p> <p><b><u>Filling voids in single leaf/density HCB walls</u></b></p>	m <sup>3</sup>	2.00		
E10.16	<p>Thickness 150mm to 450mm;</p>	m <sup>2</sup>	15.00		
Total carried to Collection on page 32				€	

E IN SITU CONCRETE/LARGE PRECAST CONCRETE					
Item	Description	Unit	Qty.	Rate (€); Exc. VAT	Amount (€); Exc. VAT
	<b><u>E10 MIXING/CASTING/CURING IN SITU CONCRETE (CONT.)</u></b>  <b><u>Gunners Wing</u></b>  <b>SUBSTRUCTURE (Below DPM and Vapour Barrier)</b>  <b><u>In situ concrete - Designated Concrete strength class C28/35</u></b> <i>As per specification clauses E10/105B &amp; E10/508</i>  <b><u>Foundations</u></b>				
E10.17	Strip footing beneath walls; thickness 150mm to 450mm; reinforced. (Reinforcement and admixtures measured separately)	m <sup>3</sup>	5.00		
	<b><u>Beds</u></b>				
E10.18	Ground bearing slab; 150mm to 450mm thick; reinforced; (Reinforcement and admixtures measured separately)	m <sup>3</sup>	31.00		
	<b>SUPERSTRUCTURE (Above DPM and Vapour Barrier)</b>  <b><u>In situ concrete - Designated Concrete strength class C25/30</u></b> <i>As per specification clauses E10/105C &amp; E10/508</i>  <b><u>Filling voids in single leaf/density HCB walls</u></b>				
E10.19	Thickness 150mm to 450mm;	m <sup>2</sup>	77.00		
	<b><u>In situ concrete - Designated Concrete strength class C32/40</u></b> <i>As per specification clauses E10/105D &amp; E10/508</i>  <b><u>Slabs</u></b>				
E10.20	Thickness 150mm to 450mm; reinforced; (Reinforcement measured separately)	m <sup>3</sup>	25.00		
	<b><u>Staircases</u></b>				
E10.21	Attached; reinforced; (Reinforcement measured separately)	m <sup>3</sup>	12.00		
Total carried to Collection on page 32				€	

<b>E IN SITU CONCRETE/LARGE PRECAST CONCRETE</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<b><u>E10 MIXING/CASTING/CURING IN SITU CONCRETE (CONT.)</u></b>  <b><u>Gunners Wing</u></b>  <b>SUPERSTRUCTURE (Above DPM and Vapour Barrier)</b>  <b><u>In situ concrete - Designated Concrete strength class C32/40</u></b> <i>As per specification clauses E10/105E &amp; E10/508</i>  <b><u>Slabs</u></b>				
E10.22	Thickness 150mm to 450mm; reinforced; (Reinforcement and admixtures measured separately)	m <sup>3</sup>	20.00		
	<b><u>Beams</u></b>				
E10.23	Isolated; Reinforced; (Reinforcement and admixtures measured separately)	m <sup>3</sup>	0.90		
	<b>SUPERSTRUCTURE &amp; SUBSTRUCTURE</b>				
	<b><u>Additives</u></b>				
E10.24	Integral waterproofing admixture to concrete strength class C28/35 as per specification clauses E10/105B & E10/415: as per manufacturer's instructions.	m <sup>3</sup>	21.00		
E10.25	Integral waterproofing admixture to concrete strength class C32/40 as per specification clauses E10/105E & E10/415: as per manufacturer's instructions.	m <sup>3</sup>	20.00		
Total carried to Collection on page 32				€	

Page 32



E IN SITU CONCRETE/LARGE PRECAST CONCRETE					
Item	Description	Unit	Qty.	Rate (€); Exc. VAT	Amount (€); Exc. VAT
	<b><u>E20 FORMWORK FOR IN SITU CONCRETE</u></b>  <b><u>Catechism Wing</u></b> <i>· Rates deemed to include all cutting, throating, rebates up to 50mm deep, splayed edges, chamfers &lt; 75mm and the like.</i> <i>· Rates are deemed to include for all temporary falsework and framework used to support people and material, such as provision, hire and use of scaffolding.</i>  <i>· All formwork shall provide a smooth finish.</i> <i>· Any items not detailed in this bill of quantities but listed in the associated Specification and/or Drawings are deemed to be included in the respective item rates.</i>  <i>· Rates are to include for all provisions in the Preliminaries/ General conditions/ work sections</i> <b>Refer to specification work sections E05, E10 &amp; E20</b>				
	<b>SUBSTRUCTURE (Below DPM and Vapour Barrier)</b>  <b><u>Sides of Foundations</u></b>				
E20.1	Plain vertical; height 250mm - 500mm;	m	76.00		
	<b><u>Extra over a basic finish for formed finishes - Finish To Receive Asphalt Tanking</u></b> <i>Refer to specification clause E20/615</i>				
E20.2	Foundations	m <sup>2</sup>	23.00		
	<b>SUPERSTRUCTURE (Above DPM and Vapour Barrier)</b>  <b><u>Edges of Suspended slabs</u></b>				
E20.3	Plain vertical; height ≤ 250mm;	m	68.00		
E20.4	Plain vertical; height 250mm - 500mm;	m	146.00		
	<b><u>Soffit of slabs</u></b>				
E20.5	Slab ≤ 200mm thick; horizontal; height to soffit ≤ 3.00m	m <sup>2</sup>	30.00		
E20.6	Slab ≤ 200mm thick; horizontal; height to soffit ≤ 4.50m	m <sup>2</sup>	9.00		
Total carried to Collection on page 37				€	

E IN SITU CONCRETE/LARGE PRECAST CONCRETE					
Item	Description	Unit	Qty.	Rate (€); Exc. VAT	Amount (€); Exc. VAT
	<b><u>E20 FORMWORK FOR IN SITU CONCRETE (CONT.)</u></b>				
	<b><u>Catechism Wing</u></b>				
	<b>SUPERSTRUCTURE (Above DPM and Vapour Barrier)</b>				
	<b><u>Soffit of slabs</u></b>				
E20.7	Slab ≤ 200mm thick; horizontal; height to soffit ≤ 12.00m	m <sup>2</sup>	4.00		
E20.8	Slab ≤ 300mm thick; horizontal; height to soffit ≤ 3.00m	m <sup>2</sup>	256.00		
E20.9	Slab ≤ 300mm thick; horizontal; height to soffit ≤ 4.50m	m <sup>2</sup>	134.00		
	<b><u>Beams</u></b>				
E20.10	Attached to slabs; Regular shaped; rectangular; height to soffit ≤ 3.00m	m <sup>2</sup>	20.00		
E20.11	Attached to slabs; Regular shaped; rectangular; height to soffit ≤ 4.50m	m <sup>2</sup>	4.00		
E20.12	Attached to walls; Regular shaped; rectangular;	m <sup>2</sup>	10.00		
	<b><u>Stairflights</u></b>				
E20.13	Suspended straight; width of stairflight 1000mm; average waist 200mm and riser 160mm; average string width 340mm; stairflights fixed only to floor slabs.	m	16.00		
	<b><u>Extra over a basic finish for formed finishes - Plain finish</u></b> <i>Refer to specification clause E20/620</i>				
E20.14	slabs	m <sup>2</sup>	513.00		
E20.15	Beams	m <sup>2</sup>	34.00		
E20.16	stairs	m <sup>2</sup>	29.00		
Total carried to Collection on page 37				€	

E IN SITU CONCRETE/LARGE PRECAST CONCRETE					
Item	Description	Unit	Qty.	Rate (€); Exc. VAT	Amount (€); Exc. VAT
	<b><u>E20 FORMWORK FOR IN SITU CONCRETE (CONT.)</u></b>  <b><u>Gunners Wing</u></b> <i>· Rates deemed to include all cutting, throating, rebates up to 50mm deep, splayed edges, chamfers &lt; 75mm and the like.</i> <i>· Rates are deemed to include for all temporary falsework and framework used to support people and material, such as provision, hire and use of scaffolding.</i>  <i>· All formwork shall provide a smooth finish.</i> <i>· Any items not detailed in this bill of quantities but listed in the associated Specification and/or Drawings are deemed to be included in the respective item rates.</i>  <i>· Rates are to include for all provisions in the Preliminaries/ General conditions/ work sections</i> <b>Refer to specification work sections E05, E10 &amp; E20</b>				
	<b>SUBSTRUCTURE (Below DPM and Vapour Barrier)</b>  <b><u>Sides of Foundations</u></b>				
E20.17	Plain vertical; height 250mm - 500mm;	m	41.00		
	<b><u>Extra over a basic finish for formed finishes - Finish To Receive Asphalt Tanking</u></b> <i>Refer to specification clause E20/615</i>				
E20.18	Foundations	m <sup>2</sup>	13.00		
	<b>SUPERSTRUCTURE (Above DPM and Vapour Barrier)</b>  <b><u>Edges of Suspended slabs</u></b>				
E20.19	Plain vertical; height ≤ 250mm;	m	90.00		
	<b><u>Soffit of slabs</u></b>				
E20.20	Slab ≤ 300mm thick; horizontal; height to soffit ≤ 3.00m	m <sup>2</sup>	118.00		
E20.21	Slab ≤ 300mm thick; horizontal; height to soffit ≤ 4.50m	m <sup>2</sup>	51.00		
Total carried to Collection on page 37				€	

E IN SITU CONCRETE/LARGE PRECAST CONCRETE					
Item	Description	Unit	Qty.	Rate (€); Exc. VAT	Amount (€); Exc. VAT
	<b><u>E20 FORMWORK FOR IN SITU CONCRETE (CONT.)</u></b>				
	<b><u>Gunners Wing</u></b>				
	<b>SUPERSTRUCTURE (Above DPM and Vapour Barrier)</b>				
	<b><u>Beams</u></b>				
E20.22	Attached to slabs; Regular shaped; rectangular; height to soffit ≤ 3.00m	m <sup>2</sup>	10.00		
	<b><u>Stairflights</u></b>				
E20.23	Suspended straight; width of stairflight 1000mm; average waist 200mm and riser 160mm; average string width 340mm; stairflights fixed only to floor slabs.	m	26.00		
	<b><u>Extra over a basic finish for formed finishes - Plain finish</u></b> <i>Refer to specification clause E20/620</i>				
E20.24	slabs	m <sup>2</sup>	192.00		
E20.25	Beams	m <sup>2</sup>	10.00		
E20.26	stairs	m <sup>2</sup>	55.00		
Total carried to Collection on page 37				€	

E IN SITU CONCRETE/LARGE PRECAST CONCRETE					
	Description		Page		Amount (€); exc VAT
	<p><u>COLLECTION for E20 FORMWORK FOR IN SITU CONCRETE</u></p> <p style="text-align: right;">Total from</p>		<p>Page 33</p> <p>Page 34</p> <p>Page 35</p> <p>Page 36</p>		
Total carried to Summary page 73					€

<b>E IN SITU CONCRETE/LARGE PRECAST CONCRETE</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<b><u>E30 REINFORCEMENT FOR IN SITU CONCRETE</u></b>  <b><u>Catechism Wing</u></b> <i>· Rates are deemed to include hooks and tying wire, proprietary spacers, chairs and special joints which are at the discretion of the Contractor.</i> <i>· Fabric reinforcement rates are deemed to include laps, tying wire, all cutting and bending, proprietary spacers and "chairs" which are at the discretion of the Contractor.</i> <i>· Rates for bar reinforcement include all costs in connection with bending and of assembly.</i> <i>· Any items not detailed in this bill of quantities but listed in the associated Specification and/or Drawings are deemed to be included in the respective item rates.</i>  <i>· Rates are to include for all provisions in the Preliminaries/ General conditions/ work sections</i> <b>Refer to specification work sections E05 &amp; E30</b>  <b>SUBSTRUCTURE (Below DPM and Vapour Barrier)</b>				
E30.1	<b><u>Ribbed bar reinforcement - Strength grade B500B</u></b>  <i>As per specification clauses E30/110 &amp; E30/150</i>				
E30.1.1	Size 20 mm; straight	t	0.073		
E30.1.2	Size 16 mm; straight	t	0.833		
E30.1.3	Size 16 mm; bent	t	0.529		
E30.1.4	Size 12 mm; bent	t	0.054		
E30.1.5	Size 8 mm; straight	t	0.012		
E30.2	<b><u>Standard Fabric reinforcement - Strength grade B500C</u></b> <i>As per specification clauses E30/110 &amp; E30/210</i>				
E30.2.1	A252; 7.9 kg/m <sup>2</sup> ; strips in one width of 2200 mm	m <sup>2</sup>	182.158		
E30.2.2	B 503; 5.93 kg/m <sup>2</sup> ; strips of width of 2200 mm	m <sup>2</sup>	218.463		
Total carried to Collection on page 42				€	

E IN SITU CONCRETE/LARGE PRECAST CONCRETE					
Item	Description	Unit	Qty.	Rate (€); Exc. VAT	Amount (€); Exc. VAT
	<b><u>E30 REINFORCEMENT FOR IN SITU CONCRETE (CONT.)</u></b>				
	<b><u>Catechism Wing</u></b>				
	<b>SUPERSTRUCTURE (Above DPM and Vapour Barrier)</b>				
E30.3	<b><u>Ribbed bar reinforcement - Strength grade B500B</u></b>				
	<i>As per specification clauses E30/110 &amp; E30/150</i>				
E30.3.1	Size 25 mm; straight	t	4.176		
E30.3.2	Size 20 mm; straight	t	4.066		
E30.3.3	Size 16 mm; straight	t	5.732		
E30.3.4	Size 16 mm; bent	t	0.072		
E30.3.5	Size 12 mm; straight	t	1.546		
E30.3.6	Size 12 mm; bent	t	1.754		
E30.3.7	Size 10 mm; straight	t	1.026		
E30.3.8	Size 10 mm; bent	t	0.059		
E30.3.9	Size 10 mm; bent; links	t	0.168		
E30.4	<b><u>Standard Fabric reinforcement - Strength grade B500C</u></b>				
	<i>As per specification clauses E30/110 &amp; E30/210</i>				
E30.4.1	B 503; 5.93 kg/m <sup>2</sup> ; strips of width of 2200 mm	m <sup>2</sup>	59.287		
Total carried to Collection on page 42				€	

<b>E IN SITU CONCRETE/LARGE PRECAST CONCRETE</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<b><u>E30 REINFORCEMENT FOR IN SITU CONCRETE (CONT.)</u></b>  <b><u>Gunners Wing</u></b> <i>· Rates are deemed to include hooks and tying wire, proprietary spacers, chairs and special joints which are at the discretion of the Contractor.</i> <i>· Fabric reinforcement rates are deemed to include laps, tying wire, all cutting and bending, proprietary spacers and "chairs" which are at the discretion of the Contractor.</i> <i>· Rates for bar reinforcement include all costs in connection with bending and of assembly.</i> <i>· Any items not detailed in this bill of quantities but listed in the associated Specification and/or Drawings are deemed to be included in the respective item rates.</i>  <i>· Rates are to include for all provisions in the Preliminaries/ General conditions/ work sections</i> <b>Refer to specification work sections E05 &amp; E30</b>  <b>SUBSTRUCTURE (Below DPM and Vapour Barrier)</b>				
E30.5	<b><u>Ribbed bar reinforcement - Strength grade B500B</u></b>  <i>As per specification clauses E30/110 &amp; E30/150</i>				
E30.5.1	Size 16 mm; straight	t	0.35		
E30.5.2	Size 16 mm; bent	t	0.76		
E30.6	<b><u>Standard Fabric reinforcement - Strength grade B500C</u></b> <i>As per specification clauses E30/110 &amp; E30/210</i>				
E30.6.1	A 252; 3.95 kg/m <sup>2</sup> ; in strips of width 2200 mm	m <sup>2</sup>	68.000		
E30.6.2	A 503; 7.9 kg/m <sup>2</sup> ; in strips of width 2200 mm	m <sup>2</sup>	68.00		
E30.6.3	B 503; 5.93 kg/m <sup>2</sup> ; strips of width of 2200 mm	m <sup>2</sup>	17.00		
Total carried to Collection on page 42				€	



<b>E IN SITU CONCRETE/LARGE PRECAST CONCRETE</b>					
<i>Item</i>	<i>Description</i>	<i>Unit</i>	<i>Qty.</i>	<i>Rate (€); Exc. VAT</i>	<i>Amount (€); Exc. VAT</i>
	<b><u>E30 REINFORCEMENT FOR IN SITU CONCRETE (CONT.)</u></b>				
	<b><u>Gunners Wing</u></b>				
	<b>SUPERSTRUCTURE (Above DPM and Vapour Barrier)</b>				
E30.7	<b><u>Ribbed bar reinforcement - Strength grade B500B</u></b>				
	<i>As per specification clauses E30/110 &amp; E30/150</i>				
E30.7.1	Size 25 mm; straight	t	0.08		
E30.7.2	Size 16 mm; straight	t	1.92		
E30.7.3	Size 12 mm; straight	t	3.10		
E30.7.4	Size 12 mm; bent	t	0.70		
E30.7.5	Size 10 mm; straight	t	1.29		
E30.7.6	Size 10 mm; bent	t	0.09		
E30.7.7	Size 10 mm; bent; links	t	0.03		
E30.8	<b><u>Standard Fabric reinforcement - Strength grade B500C</u></b>				
	<i>As per specification clauses E30/110 &amp; E30/210</i>				
E30.8.1	A 503; 7.9 kg/m <sup>2</sup> ; in strips of width 2200 mm	m <sup>2</sup>	2.31		
E30.8.2	B 503; 5.93 kg/m <sup>2</sup> ; strips of width of 2200 mm	m <sup>2</sup>	8.10		
Total carried to Collection on page 42				€	

E IN SITU CONCRETE/LARGE PRECAST CONCRETE					
	Description		Page		Amount (€); exc VAT
	<p><u>COLLECTION for E30 REINFORCEMENT FOR IN SITU CONCRETE</u></p> <p style="text-align: right;">Total from</p>		<p>Page 38</p> <p>Page 39</p> <p>Page 40</p> <p>Page 41</p>		
Total carried to Summary page 73					€

<b>E IN SITU CONCRETE/LARGE PRECAST CONCRETE</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<b><u>E40 DESIGNED JOINTS IN IN SITU CONCRETE</u></b>  <b><u>Catechism Wing</u></b> · All concrete rates should include the formation of throating. · Rates to include for all necessary concrete pumping and craneage. · Rates deemed to include all cutting, throating, rebates up to 50mm deep, splayed edges, chamfers < 75mm and the like in formwork. · Rates are deemed to include for all temporary framework used to support people and material, such as provision. hire and use of scaffolding. · Rates to include all dowels & cast-in accessories as per drawings · Any items not detailed in this bill of quantities but listed in the associated Specification and/or Drawings are deemed to be included in the respective item rates.  · Rates are to include for all provisions in the Preliminaries/ General conditions/ work sections <b>Refer to specification work sections E05, E10 &amp; E40</b>  <b>SUBSTRUCTURE (Below DPM and Vapour Barrier)</b>  <b><u>Cut</u></b>  E40.1 30mm deep Saw cut joints in concrete ground bearing slab - in bays; Width: as narrow as practically reasonable. Rate to include for all preparatory work. Refer to specifications E40/260.  <b>SUPERSTRUCTURE (Above DPM and Vapour Barrier)</b>  <b><u>Formed</u></b>  E40.2 Hydrophilic water bar (water stop) to be cast between two concrete surfaces. Approximately 20mm diameter. Refer to specification clause E40/320.  <b><u>Cut</u></b>  E40.3 30mm deep Saw cut joints in suspended concrete roof slab - in bays; Width: as narrow as practically reasonable. Rate to include for all preparatory work. Refer to specifications E40/260.				
		m	68.00		
		m	13.00		
		m	68.00		
Total carried to Collection on page 45				€	

<b>E IN SITU CONCRETE/LARGE PRECAST CONCRETE</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<p><b><u>E40 DESIGNED JOINTS IN IN SITU CONCRETE (CONT.)</u></b></p> <p><b><u>Gunners Wing</u></b></p> <ul style="list-style-type: none"> <li>· All concrete rates should include the formation of throating.</li> <li>· Rates to include for all necessary concrete pumping and craneage.</li> <li>· Rates deemed to include all cutting, throating, rebates up to 50mm deep, splayed edges, chamfers &lt; 75mm and the like in formwork.</li> <li>· Rates are deemed to include for all temporary framework used to support people and material, such as provision, hire and use of scaffolding.</li> <li>· Rates to include all dowels &amp; cast-in accessories as per drawings</li> <li>· Any items not detailed in this bill of quantities but listed in the associated Specification and/or Drawings are deemed to be included in the respective item rates.</li> <li>· Rates are to include for all provisions in the Preliminaries/ General conditions/ work sections</li> </ul> <p><b>Refer to specification work sections E05, E10 &amp; E40</b></p> <p><b>SUBSTRUCTURE (Below DPM and Vapour Barrier)</b></p> <p><b><u>Cut</u></b></p> <p>E40.4 30mm deep Saw cut joints in concrete ground bearing slab - in bays; Width: as narrow as practically reasonable. Rate to include for all preparatory work. Refer to specifications E40/260.</p> <p><b>SUPERSTRUCTURE (Above DPM and Vapour Barrier)</b></p> <p>E40.5 30mm deep Saw cut joints in suspended concrete roof slab - in bays; Width: as narrow as practically reasonable. Rate to include for all preparatory work. Refer to specifications E40/260.</p>				
		m	32.00		
		m	32.00		
Total carried to Collection on page 45				€	

E IN SITU CONCRETE/LARGE PRECAST CONCRETE					
	Description		Page		Amount (€); exc VAT
	<p><u>COLLECTION for E40 DESIGNED JOINTS IN IN SITU CONCRETE</u></p> <p style="text-align: right;">Total from</p>		<p>Page 43</p> <p>Page 44</p>		
Total carried to Summary page 73				€	

<b>E IN SITU CONCRETE/LARGE PRECAST CONCRETE</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<p><b><u>E41 WORKED FINISHES/CUTTING TO IN SITU CONCRETE</u></b></p> <p><b><u>Catechism Wing</u></b></p> <p>· Finishes must be applied to unset concrete where indicated.</p> <p>· Any items not detailed in this bill of quantities but listed in the associated Specification and/or Drawings are deemed to be included in the respective item rates.</p> <p>· Rates are to include for all provisions in the Preliminaries/ General conditions/ work sections</p> <p><b>Refer to specification work sections E05, E10 &amp; E41</b></p> <p><b>SUBSTRUCTURE (Below DPM and Vapour Barrier)</b></p> <p><b><u>Power Floating</u></b></p> <p>E41.1 Smooth Floated Finish; on horizontal surfaces. Refer to specification clause E41/310</p> <p><b>SUPERSTRUCTURE (Above DPM and Vapour Barrier)</b></p> <p><b><u>Power Floating</u></b></p> <p>E41.2 Smooth Floated Finish; on horizontal surfaces. Refer to specification clause E41/310</p> <p><b><u>Trowelling</u></b></p> <p>E41.3 Trowel finish to surface of suspended concrete roof slab; to falls. Refer to specification clause E41/320</p>				
		m²	187.00		
		m²	333.00		
		m²	174.00		
Total carried to Collection on page 48				€	

E IN SITU CONCRETE/LARGE PRECAST CONCRETE					
Item	Description	Unit	Qty.	Rate (€); Exc. VAT	Amount (€); Exc. VAT
	<b><u>E41 WORKED FINISHES/CUTTING TO IN SITU CONCRETE (CONT.)</u></b>  <b><u>Gunners Wing</u></b> <i>· Finishes must be applied to unset concrete where indicated.</i> <i>· Any items not detailed in this bill of quantities but listed in the associated Specification and/or Drawings are deemed to be included in the respective item rates.</i>  <i>· Rates are to include for all provisions in the Preliminaries/ General conditions/ work sections</i> <b>Refer to specification work sections E05, E10 &amp; E41</b>				
	<b>SUBSTRUCTURE (Below DPM and Vapour Barrier)</b>  <b><u>Power Floating</u></b>				
E41.4	Smooth Floated Finish; on horizontal surfaces. Refer to specification clause E41/310	m²	58.00		
	<b>SUPERSTRUCTURE (Above DPM and Vapour Barrier)</b>  <b><u>Power Floating</u></b>				
E41.5	Smooth Floated Finish; on horizontal surfaces. Refer to specification clause E41/310	m²	109.00		
	<b><u>Trowelling</u></b>				
E41.6	Trowel finish to surface of suspended concrete roof slab; to falls. Refer to specification clause E41/320	m²	58.00		
Total carried to Collection on page 48				€	

E IN SITU CONCRETE/LARGE PRECAST CONCRETE					
	Description		Page		Amount (€); exc VAT
	<u>COLLECTION for E41 WORKED FINISHES/CUTTING TO IN SITU CONCRETE</u>				
	Total from		Page 46		
			Page 47		
Total carried to Summary page 73				€	



<b>F MASONRY</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<p><b><u>F10 BRICK / BLOCK WALLING</u></b></p> <p><b><u>Catechism Wing</u></b></p> <ul style="list-style-type: none"> <li>· For Section F only, this measurement method supersedes SMM7 Blockwork walling measurement method.</li> <li>· Each course shall be taken to be 265 mm high</li> <li>· Openings less than 1500 mm wide shall not be deducted</li> <li>· For openings greater than 1500 mm wide, 600 mm on each of two sides will be added to the width after deducting the width of the opening</li> <li>· Part courses "tal-paricc" or "l-baxxa" measured as full stone course</li> <li>· Rates are to include for mortar pointing of masonry blocks on both faces of single leaf walls under construction; in the case of double leaf walls at least 3 faces need to be pointing accordingly.</li> <li>· Rates are deemed to include for all temporary falsework, formwork and framework used to support people and material, such as provision, hire and use of scaffolding in the construction of walls.</li> <li>· The rates and prices for the construction of multi-layered external walls are deemed to include for the sequence of works</li> <li>· All rates include supply and fix, fabrication, delivery, hoisting, installation, securing to supporting frame, including all materials and labour, hire and use of chute, disposal of materials, provision and hire of skip, protection of adjacent areas, final cleaning, etc..</li> <li>· All methods used are to be as approved and directed by the Perit in charge.</li> <li>· Rates are to include for the installation of wall ties, damp proof courses frame cramps and flexible sheet waterproofing / damp-proofing where indicated in the drawings. These items measured separately.</li> <li>· Any items not detailed in this bill of quantities but listed in the associated Specification and/or Drawings are deemed to be included in the respective item rates.</li> <li>· Rates are to include for all provisions in the Preliminaries/ General conditions/ work sections</li> </ul> <p><b>Refer to specification work sections F10, F21, F30, F31, Z20 &amp; Z21</b></p>				
Total carried to Collection on page 53				€	

F MASONRY					
Item	Description	Unit	Qty.	Rate (€); Exc. VAT	Amount (€); Exc. VAT
	<b><u>F10 BRICK / BLOCK WALLING (CONT.)</u></b>				
	<b><u>Catechism Wing</u></b>				
	<b>SUBSTRUCTURE (Below DPM and Vapour Barrier)</b>				
	<b><u>Walls</u></b>				
	<b><u>Concrete Common Blockwork [Hollow Concrete Blockwork]</u></b> As per specification clause F10/355				
F10.1	230mm thick; single density; vertical;	m <sup>2</sup>	105.00		
F10.2	175mm thick; single density; vertical;	m <sup>2</sup>	5.00		
	<b><u>Extra over work</u></b>				
F10.3	Forming acute angles 'skwerra falza', 150 - 230mm thick.	m	10.00		
	<b>SUPERSTRUCTURE (Above DPM and Vapour Barrier)</b>				
	<b><u>Walls</u></b>				
	<b><u>Concrete Common Blockwork [Hollow Concrete Blockwork]</u></b> As per specification clause F10/355				
F10.4	230mm thick; single density; vertical;	m <sup>2</sup>	712.00		
F10.5	175mm thick; single density; vertical;	m <sup>2</sup>	30.00		
F10.6	150mm thick; single density; vertical;	m <sup>2</sup>	—		Unit Rate
	<b><u>Extra over work</u></b>				
F10.7	Forming acute angles 'skwerra falza', 150 - 230mm thick.	m	10.00		
F10.8	Formation of mursalli.	nr	10.00		
F10.9	Chases; Rough cutting to internal face where the edges will not need to be special 'ingall'.	m	37.00		
Total carried to Collection on page 53				€	

<b>F MASONRY</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<p><b><u>F10 BRICK / BLOCK WALLING (CONT.)</u></b></p> <p><b><u>Gunners Wing</u></b></p> <ul style="list-style-type: none"> <li>· For Section F only, this measurement method supersedes SMM7 Blockwork walling measurement method.</li> <li>· Each course shall be taken to be 265 mm high</li> <li>· Openings less than 1500 mm wide shall not be deducted</li> <li>· For openings greater than 1500 mm wide, 600 mm on each of two sides will be added to the width after deducting the width of the opening</li> <li>· Part courses "tal-paricc" or "l-baxxa" measured as full stone course</li> <li>· Rates are to include for mortar pointing of masonry blocks on both faces of single leaf walls under construction; in the case of double leaf walls at least 3 faces need to be pointing accordingly.</li> <li>· Rates are deemed to include for all temporary falsework, formwork and framework used to support people and material, such as provision, hire and use of scaffolding in the construction of walls.</li> <li>· The rates and prices for the construction of multi-layered external walls are deemed to include for the sequence of works</li> <li>· All rates include supply and fix, fabrication, delivery, hoisting, installation, securing to supporting frame, including all materials and labour, hire and use of chute, disposal of materials, provision and hire of skip, protection of adjacent areas, final cleaning, etc..</li> <li>· All methods used are to be as approved and directed by the Perit in charge.</li> <li>· Rates are to include for the installation of wall ties, damp proof courses frame cramps and flexible sheet waterproofing / damp-proofing where indicated in the drawings. These items measured separately</li> <li>· Any items not detailed in this bill of quantities but listed in the associated Specification and/or Drawings are deemed to be included in the respective item rates.</li> <li>· Rates are to include for all provisions in the Preliminaries/ General conditions/ work sections</li> </ul> <p><b>Refer to specification work sections F10, F21, F30, F31, Z20 &amp; Z21</b></p>				
Total carried to Collection on page 53				€	

<b>F MASONRY</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<b><u>F10 BRICK / BLOCK WALLING (CONT.)</u></b>				
	<b><u>Gunners Wing</u></b>				
	<b>SUBSTRUCTURE (Below DPM and Vapour Barrier)</b>				
	<b><u>Walls</u></b>				
	<b><u>Concrete Common Blockwork [Hollow Concrete Blockwork]</u></b> <i>As per specification clause F10/355</i>				
F10.10	230mm thick; single density; vertical;	m <sup>2</sup>	55.00		
F10.11	175mm thick; single density; vertical;	m <sup>2</sup>	13.00		
	<b><u>Extra over work</u></b>				
F10.12	Forming acute angles 'skwerra falza', 150 - 230mm thick.	m	0.60		
	<b>SUPERSTRUCTURE (Above DPM and Vapour Barrier)</b>				
	<b><u>Walls</u></b>				
	<b><u>Concrete Common Blockwork [Hollow Concrete Blockwork]</u></b> <i>As per specification clause F10/355</i>				
F10.13	230mm thick; single density; vertical;	m <sup>2</sup>	345.00		
F10.14	175mm thick; single density; vertical;	m <sup>2</sup>	–		Unit Rate
F10.15	150mm thick; single density; vertical;	m <sup>2</sup>	–		Unit Rate
	<b><u>Extra over work</u></b>				
F10.16	Forming acute angles 'skwerra falza', 150 - 230mm thick.	m	27.00		
F10.17	Formation of mursalli.	nr	6.00		
F10.18	Chases; Rough cutting to internal face where the edges will not need to be special 'inqall'.	m	15.00		
Total carried to Collection on page 53				€	

F MASONRY					
	Description		Page		Amount (€); exc VAT
	<u>COLLECTION for F10 BRICK / BLOCK WALLING</u>				
			Page 49		
			Page 50		
			Page 51		
			Page 52		
	Total from				
Total carried to Summary page 73				€	

<b>F MASONRY</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<p><b><u>F21 NATURAL STONE / ASHLAR WALLING / DRESSINGS</u></b></p> <p><b><u>Catechism Wing</u></b></p> <ul style="list-style-type: none"> <li>· For Section F only, this measurement method supersedes SMM7 Natural stone ashlar walling measurement method;</li> <li>· Each course shall be taken to be 265 mm high</li> <li>· Openings less than 1500 mm wide shall not be deducted</li> <li>· For openings greater than 1500 mm wide, 600 mm on each of two sides will be added to the width after deducting the width of the opening</li> <li>· Part courses "tal-paricc" or "l-baxxa" measured as full stone course</li> <li>· Rates are deemed to include stainless strap angles where necessary, fixed to existing structures, vertically every two courses.</li> <li>· Openings below flat or segmental arches shall not be deducted.</li> <li>· Stone lintels and keystones shall not be measured separately</li> <li>· Rates are to include for mortar pointing of masonry blocks on both faces of single leaf walls under construction; in the case of double leaf walls at least 3 faces need to be pointing accordingly.</li> <li>· Rates involving lime based mortar shall include curing to ensure no shrinkage cracks.</li> <li>· Rates are to include for the installation of wall ties, damp proof courses frame cramps and flexible sheet waterproofing / damp-proofing where indicated in the drawings. These items measured separately.</li> <li>· All rates include supply and fix, fabrication, delivery, hoisting, installation, securing to supporting frame, including all materials and labour, hire and use of chute, disposal of materials, provision and hire of skip, protection of adjacent areas, final cleaning, etc..</li> <li>· Rates are deemed to include for all temporary falsework, formwork and framework used to support people and material, such as provision, hire and use of scaffolding in the construction of walls.</li> <li>· All methods used are to be as approved and directed by the Perit in charge.</li> <li>· Any items not detailed in this bill of quantities but listed in the associated Specification and/or Drawings are deemed to be included in the respective item rates.</li> <li>· Rates are to include for all provisions in the Preliminaries/ General conditions/ work sections</li> </ul> <p><b>Refer to specification work sections F10, F21, F30, Z20 &amp; Z21</b></p>				
Total carried to Collection on page 59				€	

F MASONRY					
Item	Description	Unit	Qty.	Rate (€); Exc. VAT	Amount (€); Exc. VAT
	<b><u>F21 NATURAL STONE / ASHLAR WALLING / DRESSINGS (CONT.)</u></b>				
	<b><u>Catechism Wing</u></b>				
	<b>SUBSTRUCTURE (Below DPM and Vapour Barrier)</b>				
	<b><u>Walls</u></b>				
	<b><u>Ashlar [Stone masonry walling and dressing]</u></b> <i>As per specification clause F21/110</i>				
F21.1	175mm thick; vertical	m <sup>2</sup>	5.00		Unit Rate
F21.2	230mm thick; vertical	m <sup>2</sup>	–		
	<b><u>Extra over work</u></b>				
F21.3	Forming acute angles 'skwerra falza', 150 - 230mm thick.	m	1.60		
	<b>SUPERSTRUCTURE (Above DPM and Vapour Barrier)</b>				
	<b><u>Walls</u></b>				
	<b><u>Ashlar [Stone masonry walling and dressing]</u></b> <i>As per specification clause F21/110</i>				
F21.4	150mm thick; vertical	m <sup>2</sup>	30.00		Unit Rate
F21.5	175mm thick; vertical	m <sup>2</sup>	5.00		
F21.6	230mm thick; vertical	m <sup>2</sup>	–		
	<b><u>Extra over work</u></b>				
F21.7	Plain Voussoirs (samrotti).	nr	21.00		
F21.8	Fair cutting with sharp edges and neat jointing finish to walls "fuq il-fil".	m <sup>2</sup>	30.00		
Total carried to Collection on page 59				€	

<b>F MASONRY</b>					
<i>Item</i>	<i>Description</i>	<i>Unit</i>	<i>Qty.</i>	<i>Rate (€); Exc. VAT</i>	<i>Amount (€); Exc. VAT</i>
	<b><u>F21 NATURAL STONE / ASHLAR WALLING / DRESSINGS (CONT.)</u></b>  <b><u>Catechism Wing</u></b>  <b>SUPERSTRUCTURE (Above DPM and Vapour Barrier)</b>  <b><u>Extra over work</u></b>				
F21.9	Stone cap (tlibbisa); 1 course.	m	3.00		
F21.10	Formation of Fascia (faxxa/membri lixxi/ imbroll).	m	11.00		
F21.11	Formation of 'lavur' in fascia.	m	6.00		
Total carried to Collection on page 59				€	



<b>F MASONRY</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<p><b><u>F21 NATURAL STONE / ASHLAR WALLING / DRESSINGS (CONT.)</u></b></p> <p><b><u>Gunners Wing</u></b></p> <ul style="list-style-type: none"> <li>· For Section F only, this measurement method supersedes SMM7 Natural stone ashlar walling measurement method:</li> <li>· Each course shall be taken to be 265 mm high</li> <li>· Openings less than 1500 mm wide shall not be deducted</li> <li>· For openings greater than 1500 mm wide, 600 mm on each of two sides will be added to the width after deducting the width of the opening</li> <li>· Part courses "tal-paricc" or "l-baxxa" measured as full stone course</li> <li>· Rates are deemed to include stainless strap angles where necessary, fixed to existing structures, vertically every two courses.</li> <li>· Openings below flat or segmental arches shall not be deducted.</li> <li>· Stone lintels and keystones shall not be measured separately</li> <li>· Rates are to include for mortar pointing of masonry blocks on both faces of single leaf walls under construction; in the case of double leaf walls at least 3 faces need to be pointing accordingly.</li> <li>· Rates involving lime based mortar shall include curing to ensure no shrinkage cracks.</li> <li>· Rates are to include for the installation of wall ties, damp proof courses frame cramps and flexible sheet waterproofing / damp-proofing where indicated in the drawings. These items measured separately.</li> <li>· All rates include supply and fix, fabrication, delivery, hoisting, installation, securing to supporting frame, including all materials and labour, hire and use of chute, disposal of materials, provision and hire of skip, protection of adjacent areas, final cleaning, etc..</li> <li>· Rates are deemed to include for all temporary falsework, formwork and framework used to support people and material, such as provision, hire and use of scaffolding in the construction of walls.</li> <li>· All methods used are to be as approved and directed by the Perit in charge.</li> <li>· Any items not detailed in this bill of quantities but listed in the associated Specification and/or Drawings are deemed to be included in the respective item rates.</li> <li>· Rates are to include for all provisions in the Preliminaries/ General conditions/ work sections</li> </ul> <p><b>Refer to specification work sections F10, F21, F30, Z20 &amp; Z21</b></p>				
Total carried to Collection on page 59				€	

F MASONRY					
Item	Description	Unit	Qty.	Rate (€); Exc. VAT	Amount (€); Exc. VAT
	<b><u>F21 NATURAL STONE / ASHLAR WALLING / DRESSINGS (CONT.)</u></b>  <b><u>Gunners Wing</u></b>  <b>SUPERSTRUCTURE (Above DPM and Vapour Barrier)</b>  <b><u>Walls</u></b>  <b><u>Ashlar [Stone masonry walling and dressing]</u></b> <i>As per specification clause F21/110</i>				
F21.12	175mm thick; vertical	m <sup>2</sup>	–		Unit Rate
F21.13	230mm thick; vertical	m <sup>2</sup>	3.00		
	<b><u>Extra over work</u></b>				
F21.14	Fair cutting with sharp edges and neat jointing finish to walls "fuq il-fil".	m <sup>2</sup>	3.00		
Total carried to Collection on page 59				€	

Page 59

<b>F MASONRY</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<p><b><u>F30 ACCESSORIES / SUNDRY ITEMS FOR BRICK / BLOCK / STONE WALLING</u></b></p> <p><b><u>Catechism Wing</u></b></p> <ul style="list-style-type: none"> <li>· Rates are deemed to include for all temporary falsework, formwork and framework used to support people and material, such as provision, hire and use of scaffolding in the construction of walls.</li> <li>· The rates and prices for the construction of multi-layered external walls are deemed to include for the sequence of works.</li> <li>· All rates include supply and fix, fabrication, delivery, hoisting, installation, securing to supporting frame, including all materials and labour, hire and use of chute, disposal of materials, provision and hire of skip, protection of adjacent areas, final cleaning, etc..</li> <li>· All methods used are to be as approved and directed by the Perit in charge.</li> <li>· Any items not detailed in this bill of quantities but listed in the associated Specification and/or Drawings are deemed to be included in the respective item rates.</li> <li>· Rates are to include for all provisions in the Preliminaries/ General conditions/ work sections</li> </ul> <p><b>Refer to specification work sections F10, F21, F30, Z20 &amp; Z21</b></p> <p><b>SUBSTRUCTURE (Below DPM and Vapour Barrier)</b></p> <p><b><u>Forming Cavities</u></b></p> <p>F30.1 Supply and fix cavity wall ties in hollow walls; cavity width 20mm. Rate to include for all accessories and fixings. Refer to specification clauses F30/214 &amp; F30/225.</p> <p><b><u>Damp Proof Courses</u></b></p> <p>F30.2 <b>Bitumen polymer damp-proof courses</b> as per specification clause F30/310; sealed as per specification clause F30/465.</p> <p>F30.2.1 Width ≤ 225mm; installed horizontally as per specification clauses F30/415 &amp; F30/425.</p> <p>F30.2.2 Width &gt; 225mm; installed horizontally as per specification clauses F30/415 &amp; F30/425.</p>				
		m <sup>2</sup>	4.00		
		m	5.00		
		m	57.00		
Total carried to Collection on page 64				€	

F MASONRY					
Item	Description	Unit	Qty.	Rate (€); Exc. VAT	Amount (€); Exc. VAT
	<b><u>F30 ACCESSORIES / SUNDRY ITEMS FOR BRICK / BLOCK / STONE WALLING (CONT.)</u></b>				
	<b><u>Catechism Wing</u></b>				
	<b>SUBSTRUCTURE (Below DPM and Vapour Barrier)</b>				
	<b><u>Proprietary Items</u></b>				
F30.3	Supply and fix <b>Frame cramps</b> as per specification clause F30/221; Total length of frame cramps: 150mm. Rate to include for all accessories and fixings.	nr	156.00		
	<b>SUPERSTRUCTURE (Above DPM and Vapour Barrier)</b>				
	<b><u>Forming Cavities</u></b>				
F30.4	Supply and fix <b>cavity wall ties</b> as per specification clause F30/214 in hollow walls; cavity width 20mm. Rate to include for all accessories and fixings. Refer to specification clauses F30/214 & F30/225	m²	25.00		
	<b><u>Proprietary Items</u></b>				
F30.5	Supply and fix <b>Frame cramps</b> as per specification clause F30/221; Total length of frame cramps: 150mm. Rate to include for all accessories and fixings.	nr	816.00		
	<b><u>Joints</u></b>				
F30.6	<b>F30/670 Head of non-loadbearing walls</b> as per specification clause F30/670 and drawing AA(2-)206.	m	13.50		
Total carried to Collection on page 64				€	

F MASONRY					
Item	Description	Unit	Qty.	Rate (€); Exc. VAT	Amount (€); Exc. VAT
	<b><u>F30 ACCESSORIES / SUNDRY ITEMS FOR BRICK / BLOCK / STONE WALLING (CONT.)</u></b>  <b><u>Gunners Wing</u></b> <i>· Rates are deemed to include for all temporary falsework, formwork and framework used to support people and material, such as provision, hire and use of scaffolding in the construction of walls.</i> <i>· The rates and prices for the construction of multi-layered external walls are deemed to include for the sequence of works.</i> <i>· All rates include supply and fix, fabrication, delivery, hoisting, installation, securing to supporting frame, including all materials and labour, hire and use of chute, disposal of materials, provision and hire of skip, protection of adjacent areas, final cleaning, etc..</i> <i>· All methods used are to be as approved and directed by the Perit in charge.</i> <i>· Any items not detailed in this bill of quantities but listed in the associated Specification and/or Drawings are deemed to be included in the respective item rates.</i>  <i>· Rates are to include for all provisions in the Preliminaries/ General conditions/ work sections Refer to specification work sections F10, F21, F30, Z20 &amp; Z21</i>  <b>SUBSTRUCTURE (Below DPM and Vapour Barrier)</b>  <b><u>Damp Proof Courses</u></b>				
F30.7	<b><u>Bitumen polymer damp-proof courses</u></b> as per specification clause F30/310; sealed as per specification clause F30/465.				
F30.7.1	Width > 225mm; installed horizontally as per specification clauses F30/415 & F30/425.	m	35.00		
	<b><u>Proprietary Items</u></b>				
F30.8	Supply and fix <b>Frame cramps</b> as per specification clause F30/221; Total length of frame cramps: 150mm. Rate to include for all accessories and fixings.	nr	11.00		
Total carried to Collection on page 64				€	

F MASONRY					
Item	Description	Unit	Qty.	Rate (€); Exc. VAT	Amount (€); Exc. VAT
	<b><u>F30 ACCESSORIES / SUNDRY ITEMS FOR BRICK / BLOCK / STONE WALLING (CONT.)</u></b>  <b><u>Gunners Wing</u></b>  <b>SUPERSTRUCTURE (Above DPM and Vapour Barrier)</b>  <b><u>Proprietary Items</u></b>				
F30.9	Supply and fix <b>Frame cramps</b> as per specification clause F30/221; Total length of frame cramps: 150mm. Rate to include for all accessories and fixings.	nr	77.00		
Total carried to Collection on page 64				€	

F MASONRY					
	Description		Page		Amount (€); exc VAT
	<p><b><u>COLLECTION for F30 ACCESSORIES / SUNDRY ITEMS FOR BRICK / BLOCK / STONE WALLING</u></b></p> <p style="text-align: right;"><b>Total from</b></p>		<p>Page 60</p> <p>Page 61</p> <p>Page 62</p> <p>Page 63</p>		
Total carried to Summary page 73				€	



<b>F MASONRY</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<b><u>F31 PRECAST CONCRETE SILLS / LINTELS / COPINGS / FEATURES</u></b>  <b><u>Catechism Wing</u></b> <i>· Rates for precast concrete items are deemed to include all accessories, reinforcement, steel tendons and bars.</i> <i>· Any items not detailed in this bill of quantities but listed in the associated Specification and/or Drawings are deemed to be included in the respective item rates.</i>  <i>· Rates are to include for all provisions in the Preliminaries/ General conditions/ work sections</i> <b>Refer to specification work sections F10, F31, Z20 &amp; Z21</b>  <b>SUPERSTRUCTURE (Above DPM and Vapour Barrier)</b>  <b><u>Reinforced precast lintels; grade C32/40; rectangular shape</u></b>				
F31.1	Lintel length 1000mm; width 230mm; height 300mm. Rate to include for reinforcement. Refer to specification clause F31/112A	nr	6.00		
F31.2	Lintel length 1100mm; width 230mm; height 300mm. Rate to include for reinforcement. Refer to specification clause F31/112A	nr	2.00		
F31.3	Lintel length 1200mm; width 230mm; height 300mm. Rate to include for reinforcement. Refer to specification clause F31/112A	nr	14.00		
F31.4	Lintel length 1300mm; width 230mm; height 300mm. Rate to include for reinforcement. Refer to specification clause F31/112A	nr	2.00		
F31.5	Lintel length 1500mm; width 230mm; height 300mm. Rate to include for reinforcement. Refer to specification clause F31/112A	nr	3.00		
F31.6	Lintel length 1700mm; width 230mm; height 300mm. Rate to include for reinforcement. Refer to specification clause F31/112A	nr	3.00		
Total carried to Collection on page 67				€	

<b>F MASONRY</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<b><u>F31 PRECAST CONCRETE SILLS / LINTELS / COPINGS / FEATURES (CONT.)</u></b>  <b><u>Gunners Wing</u></b> <i>· Rates for precast concrete items are deemed to include all accessories, reinforcement, steel tendons and bars.</i> <i>· Any items not detailed in this bill of quantities but listed in the associated Specification and/or Drawings are deemed to be included in the respective item rates.</i>  <i>· Rates are to include for all provisions in the Preliminaries/ General conditions/ work sections</i> <b>Refer to specification work sections F10, F31, Z20 &amp; Z21</b>  <b>SUPERSTRUCTURE (Above DPM and Vapour Barrier)</b>  <b><u>Reinforced precast lintels; grade C32/40; rectangular shape</u></b>				
F31.7	Lintel length 1200mm; width 230mm; height 300mm. Rate to include for reinforcement. Refer to specification clause F31/112A	nr	10.00		
Total carried to Collection on page 67				€	

F MASONRY					
	Description		Page		Amount (€); exc VAT
	<u>COLLECTION for F31 PRECAST CONCRETE SILLS /</u> <u>LINTELS / COPINGS / FEATURES</u>				
	Total from		Page 65		
			Page 66		
Total carried to Summary page 73					€

<b>J WATERPROOFING</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<p><b><u>J40 FLEXIBLE SHEET WATERPROOFING / DAMP-PROOFING</u></b></p> <p><b><u>Catechism Wing</u></b></p> <ul style="list-style-type: none"> <li>· Rates shall include primer coatings appropriate to different types of membrane</li> <li>· Rates shall include cleaning of surface before application of primer and membrane.</li> <li>· Rates shall include for all necessary lapping</li> <li>· Rates should take into consideration the application of the flexible tanking and damp proofing as per manufacturer's recommendations.</li> <li>· Any items not detailed in this bill of quantities but listed in the associated Specification and/or Drawings are deemed to be included in the respective item rates.</li> <li>· Rates are to include for all provisions in the Preliminaries/ General conditions/ work sections</li> </ul> <p><b>Refer to specification work sections E05, F30 &amp; J40</b></p> <p><b>SUBSTRUCTURE (Below DPM and Vapour Barrier)</b></p> <p><b><u>Concrete Blinding to Hardcore Beds - In situ</u></b>  <b>Designated concrete strength class C20/25</b>  Refer to specification clause J40/115</p>				
J40.1	Blinding layer / bed; ≤150 thickness; poured on or against earth or unblinded hardcore.	m <sup>3</sup>	13.00		
	<b><u>Tanking and Damp Proofing</u></b>				
J40.2	Loose-laid polyethylene sheet damp-proofing as per specification clause J40/120A, 1200 gauge; horizontally laid between blinding layer and ground bearing slab. Rate to include all necessary lapping and sealing of lapped joints with continuous mastic strip.	m <sup>2</sup>	170.00		
J40.3	Supply and lay two layers of hot-applied bonding compound damp proofing membrane as per specification clause J40/260; torch-welded; minimum weight: 4.3 kg/m <sup>2</sup> ; minimum thickness of 4mm; laid horizontally/vertically	m <sup>2</sup>	251.00		
Total carried to Collection on page 72				€	

J WATERPROOFING					
Item	Description	Unit	Qty.	Rate (€); Exc. VAT	Amount (€); Exc. VAT
	<b><u>J40 FLEXIBLE SHEET WATERPROOFING / DAMP-PROOFING (CONT.)</u></b>  <b><u>Catechism Wing</u></b>  <b>SUBSTRUCTURE (Below DPM and Vapour Barrier)</b>  <b><u>Tanking and Damp Proofing</u></b>				
J40.4	Supply and lay <b>high-density polyethylene/polypropylene studded cavity drain membrane</b> as per specification clause J40/290; stud height: 5mm; minimum thickness of 4mm; laid vertically and taped flush with the membrane; Rate to include for all preparatory work and necessary lapping and butyl rubber sealant.	m²	24.30		
	<b>SUPERSTRUCTURE (Above DPM and Vapour Barrier)</b>  <b><u>Tanking and Damp Proofing</u></b>				
J40.5	Supply and lay <b>high-density polyethylene/polypropylene studded cavity drain membrane</b> as per specification clause J40/290; stud height: 5mm; minimum thickness of 4mm; laid vertically and taped flush with the membrane; Rate to include for all preparatory work and necessary lapping and butyl rubber sealant.	m²	37.40		
Total carried to Collection on page 72				€	

<b>J WATERPROOFING</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<p><b><u>J40 FLEXIBLE SHEET WATERPROOFING / DAMP-PROOFING (CONT.)</u></b></p> <p><b><u>Gunners Wing</u></b></p> <ul style="list-style-type: none"> <li>· Rates shall include primer coatings appropriate to different types of membrane</li> <li>· Rates shall include cleaning of surface before application of primer and membrane.</li> <li>· Rates shall include for all necessary lapping</li> <li>· Rates should take into consideration the application of the flexible tanking and damp proofing as per manufacturer's recommendations.</li> <li>· Any items not detailed in this bill of quantities but listed in the associated Specification and/or Drawings are deemed to be included in the respective item rates.</li> <li>· Rates are to include for all provisions in the Preliminaries/ General conditions/ work sections</li> </ul> <p><b>Refer to specification work sections E05, F30 &amp; J40</b></p> <p><b>SUBSTRUCTURE (Below DPM and Vapour Barrier)</b></p> <p><b><u>Concrete Blinding to Hardcore Beds - In situ</u></b> <b><u>Designated concrete strength class C20/25</u></b> Refer to specification clause J40/115</p>				
J40.6	Blinding layer / bed; ≤150 thickness; poured on or against earth or unblinded hardcore.	m <sup>3</sup>	5.00		
	<b><u>Tanking and Damp Proofing</u></b>				
J40.7	Loose-laid polyethylene sheet damp-proofing as per specification clause J40/120A, 1200 gauge; horizontally laid between blinding layer and ground bearing slab. Rate to include for all preparatory work and necessary lapping and sealing of lapped joints with continuous mastic strip.	m <sup>2</sup>	35.00		
J40.8	Supply and lay two layers of hot-applied bonding compound damp proofing membrane as per specification clause J40/260; torch-welded; minimum weight: 4.3 kg/m <sup>2</sup> ; minimum thickness of 4mm; laid horizontally/vertically; Rate to include for all preparatory work and necessary lapping and fully bonded sealing of lapped joints	m <sup>2</sup>	127.00		
Total carried to Collection on page 72				€	

<b>J WATERPROOFING</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate (€); Exc. VAT</b>	<b>Amount (€); Exc. VAT</b>
	<b><u>J40 FLEXIBLE SHEET WATERPROOFING / DAMP-PROOFING (CONT.)</u></b>  <b><u>Gunners Wing</u></b>  <b>SUBSTRUCTURE (Below DPM and Vapour Barrier)</b>  <b><u>Tanking and Damp Proofing</u></b>				
J40.9	Supply and lay <b>high-density polyethylene/polypropylene studded cavity drain membrane</b> as per specification clause J40/290; stud height: 5mm; minimum thickness of 4mm; laid vertically and taped flush with the membrane; Rate to include for all preparatory work and necessary lapping and butyl rubber sealant.	m²	8.50		
	<b>SUPERSTRUCTURE (Above DPM and Vapour Barrier)</b>  <b><u>Tanking and Damp Proofing</u></b>				
J40.10	Supply and lay <b>high-density polyethylene/polypropylene studded cavity drain membrane</b> as per specification clause J40/290; stud height: 5mm; minimum thickness of 4mm; laid vertically and taped flush with the membrane; Rate to include for all preparatory work and necessary lapping and butyl rubber sealant.	m²	28.90		
Total carried to Collection on page 72				€	

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GENERAL SUMMARY			Page		Amount (€); Exc. VAT
	PRELIMINARIES		4		
	A55 DAYWORKS [SCHEDULE OF RATES ON DAILY BASIS]		5 to 7		
	B50 GENERAL STRUCTURAL REQUIREMENTS		8		
	C20 DEMOLITION		9 to 15		
	C30 SHORING / FAÇADE RETENTION		16		
	C90 - SPOT ITEMS		17 to 20		
	D20 EXCAVATING AND FILLING		21 to 25		
	E10 MIXING/CASTING/CURING IN SITU CONCRETE		26 to 32		
	E20 FORMWORK FOR IN SITU CONCRETE		33 to 37		
	E30 REINFORCEMENT FOR IN SITU CONCRETE		38 to 42		
	E40 DESIGNED JOINTS IN IN SITU CONCRETE		43 to 45		
	E41 WORKED FINISHES/CUTTING TO IN SITU CONCRETE		46 to 48		
	F10 BRICK / BLOCK WALLING		49 to 53		
	F21 NATURAL STONE / ASHLAR WALLING / DRESSINGS		54 to 59		
	F30 ACCESSORIES / SUNDRY ITEMS FOR BRICK / BLOCK / STONE WALLING		60 to 64		
	F31 PRECAST CONCRETE SILLS / LINTELS / COPINGS / FEATURES		65 to 67		
	J40 FLEXIBLE SHEET WATERPROOFING / DAMP-PROOFING		68 ot 72		
Total Amount of Works (Exc. VAT):					
VAT Amount (18%):					
Total Amount (Inc. VAT):					